

Minutes - PWG Web Based Monitoring and Management teleconference - July 23, 2003

Bill Wagner 7/23/03

Attendees

- Kelli Kennedy, HP (Editor)
- Ira McDonald, High North
- Hitoshi Sekine, Ricoh
- Bob Taylor, HP
- Bill Wagner, NetSilicon (Committee Chairman)
- Peter Zehler, Xerox

General

Phone conference was from Noon to 1pm EDT. The agenda was to review the July 9 minutes, and to continue with the discussion of open items identified in those minutes.

1. Bill Wagner agreed to initiate PWG Formal Vote on the WBMM Charter.
2. Bill agreed to forward to the editor the modifications made to the "Use" document made in response to comments at the Portland meeting. Kelli will review meeting minutes to determine what further changes should be made to that document.
3. Bill will update the WBMM Definitions of Components, Connections and Messages document to reflect comments made in the last and in this conference call.
4. In conjunction with the continued discussion of operations outlined below, the group must correlate this initial set of operations and methods with the scenarios in the "Use" document both so that operations implicit in the scenarios are identified and so that all identified operations are illustrated in scenarios.
5. In discussing operations, there was some backtrack on the question of verbal related actions into one operation. The concern that such grouping would defeat an appropriate level of granularity with respect to Authentication may be unfounded, particularly with reasonable grouping. The alternative may result in a cumbersome large set of operations which may discourage adoption of the WBMM approach.
6. After reviewing the current set of operations, Bob pointed out that those operations evolved from IPP SET 3 all include the term "Device", but that WBMM must also address services. Keeping item (5) above in mind, it was decided to eliminate the "device" term rather than to specify both device and service versions of each operation. That is, an operation would be interpreted as being intended as a service or a device operation depending upon where it

was directed. The fact that some operations may not be applicable to both devices and services simply means that an operation should not be directed to a device for which it is inapplicable.

7. Other simplifications were apparent so that the current operations set is:

Disable – Prevents the addressed entity to from accepting jobs from any job submission protocol.

Enable - Allows the addressed entity to accept jobs from any job submission protocol.

Pause- Causes the entity to stop processing its primary product (e.g., a printing device from marking media, a scanning device from scanning input copy) there may be a need for an argument to address the “now”, “after current copy” and “after current job” variations.

Resume – undoes the last Pause.

Deactivate – entity accepts no more incoming jobs (the original definition deactivate is unclear – further the distinction between Disable and Deactivate is vague.)

Activate – undoes the last Deactivate

Purge - Removes all traces of jobs in the entity

Reset - Sets the state of the entity to the normalized condition characterizing the state when the entity first comes up.

PowerOff – Causes entity to go into a power off or (or reduced power, sleep) condition.

GetAttributes – Solicits the values of the identified elements and all included sub elements

SetAttributes – Sets the values of the identified elements and all included sub elements

GetResource - Solicits the values of the identified structures or files. (e.g., representing fonts, forms, executable code, schedules(?). May be indirect in that structure is delivered to defined address.

SetResource – Causes identified structures or files (e.g., representing fonts, forms, executable code, schedules(?)) to be loaded into entity. May be indirect in that structure is obtained from defined address.

Register - Set up for notification

Unregister- Discard setup for notification.

8. In addressing question of scope of WBMM, it was agreed that management of queues, including display, reorder, purge and set queue imposed job attributes was in scope. Specific job management was not in scope.
9. Although acceded to with some ambivalence, it was suggested that queue management operations be handled by considering a queue as an entity subject to applicable WBMM operations. (e.g., Set(Queue)Attribute, Pause(Queue))
10. The subject of creating queues came up. It was agreed that this may be a desirable operation, but is not suitable for inclusion in the initial version of WBMM.

Next Meeting

Time:12:00 PM EDT (9:00 AM PDT) Wednesday 6 August, 2003

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